

000722.1  
N 2651000  
E 1,689,500

BARGE BERTHS

NORTH EXTENSION

ROCK LOCATIONS			
ROCK	EASTING	NORTHING	DEPTH
1	165880.23	265098.30	33.0
2	165880.34	265075.92	35.3
3	165892.41	265072.42	34.0
4	165904.55	265046.43	26.7
5	165904.55	265046.43	26.7
6	165901.32	265072.17	16.1
7	165904.55	265046.43	26.7
8	165904.55	265046.43	26.7
9	165904.55	265046.43	26.7
10	165901.32	265072.17	16.1
11	165904.55	265046.43	26.7
12	165904.55	265046.43	26.7
13	165904.55	265046.43	26.7
14	165904.55	265046.43	26.7
15	165904.55	265046.43	26.7
16	165904.55	265046.43	26.7
17	165904.55	265046.43	26.7
18	165904.55	265046.43	26.7
19	165904.55	265046.43	26.7
20	165904.55	265046.43	26.7
21	165904.55	265046.43	26.7
22	165904.55	265046.43	26.7
23	165904.55	265046.43	26.7
24	165904.55	265046.43	26.7
25	165904.55	265046.43	26.7
26	165904.55	265046.43	26.7
27	165904.55	265046.43	26.7

NOTE: OBSTRUCTIONS 1 THRU 41 LOCATED BY MULTI-BEAM SONAR ON 26 JULY 2007 BY HUGHES AND ASSOC.

ROCK 30 IDENTIFIED AS "PHILADELPHIA" BY DIVERS.  
(A BARGE BEACON CHAIN WAS BROUGHT TO THE SURFACE BY THE DIVERS.)

ADDITIONAL OBSTRUCTIONS  
165904.55  
265046.43  
26.7

DISPOSAL LIMITS			
CORNER	NORTHING	EASTING	
1	2,642,355.65	1,653,697.88	
2	2,650,613.11	1,656,776.08	
3	2,650,128.09	1,656,655.47	
4	2,641,671.83	1,655,577.37	

NOTES

- HORIZONTAL CONTROL IS ALASKA STATE PLANE, NAD 83, ZONE 4, N FEET, HORIZONTAL USAGE SBO, N, END, 107° AS N 2,644,298.25, E 1,659,725.47, AND USACE SBO, S, END, 197° AS N 2,644,298.25, E 1,659,725.47.
- VERTICAL CONTROL IS IN FEET, REFERRING TO MEAN LOWER LOW WATER (MLLW=0.0), HOLDING GIVEN AS 40.49', BM-15, 1986, GIVEN AS 37.10', AND BM-B-75, GIVEN AS 36.78'.
- THE CHARACTERIZATION DEPTH IS -50.1 FEET MLLW FOR THE SOUTH EXTENSION, -78.7 FEET MLLW FOR THE EXISTING PROJECT, -61.1 FEET MLLW FOR THE NORTH EXTENSION, AND -43.1 FEET MLLW FOR THE BARGE BERTHS.

ALASKA DISTRICT  
CORPS OF ENGINEERS  
ANCHORAGE, ALASKA

DESIGNED: ANCHORAGE, ALASKA  
DRAWN: PORT OF ANCHORAGE  
CHECKED: BARGE BERTHS & NORTH/SOUTH EXTENSIONS  
SUBMITTED: DETAIL AND SITE PLAN  
SUPERVISED: APPROVED: DATE: SCALE: 1" = 100'

PROJECT NUMBER: 0000000000  
SUBMITTER: DATE: SCALE: 1" = 100'  
RECOMMENDED: SHEET 2 OF 4  
DATE: 09/11/09

CONTROL DATA

STATION	NORTHING	EASTING	ELEV.	DESCRIPTION
N, END	2,644,298.25	1,659,725.47	41.30	USACE SBO (1978) (STA 53+82.73)
S, END	2,644,298.25	1,659,725.47	40.47	USACE SBO (1978) (STA 53+82.73)
DL-1	2,650,309.04	1,661,821.57	18.47	-
NEL-1	2,650,309.04	1,661,821.57	18.47	-
NEL-2	2,650,309.04	1,661,821.57	18.47	-
NEL-3	2,650,309.04	1,661,821.57	18.47	-
NEL-4	2,650,309.04	1,661,821.57	18.47	-
NEL-5	2,650,309.04	1,661,821.57	18.47	-
NEL-6	2,650,309.04	1,661,821.57	18.47	-
NEL-7	2,650,309.04	1,661,821.57	18.47	-
NEL-8	2,650,309.04	1,661,821.57	18.47	-
NEL-9	2,650,309.04	1,661,821.57	18.47	-
NEL-10	2,650,309.04	1,661,821.57	18.47	-
NEL-11	2,650,309.04	1,661,821.57	18.47	-
NEL-12	2,650,309.04	1,661,821.57	18.47	-
NEL-13	2,650,309.04	1,661,821.57	18.47	-
NEL-14	2,650,309.04	1,661,821.57	18.47	-
NEL-15	2,650,309.04	1,661,821.57	18.47	-
NEL-16	2,650,309.04	1,661,821.57	18.47	-
NEL-17	2,650,309.04	1,661,821.57	18.47	-
NEL-18	2,650,309.04	1,661,821.57	18.47	-
NEL-19	2,650,309.04	1,661,821.57	18.47	-
NEL-20	2,650,309.04	1,661,821.57	18.47	-
NEL-21	2,650,309.04	1,661,821.57	18.47	-
NEL-22	2,650,309.04	1,661,821.57	18.47	-
NEL-23	2,650,309.04	1,661,821.57	18.47	-
NEL-24	2,650,309.04	1,661,821.57	18.47	-
NEL-25	2,650,309.04	1,661,821.57	18.47	-
NEL-26	2,650,309.04	1,661,821.57	18.47	-
NEL-27	2,650,309.04	1,661,821.57	18.47	-
NEL-28	2,650,309.04	1,661,821.57	18.47	-
NEL-29	2,650,309.04	1,661,821.57	18.47	-
NEL-30	2,650,309.04	1,661,821.57	18.47	-
NEL-31	2,650,309.04	1,661,821.57	18.47	-
NEL-32	2,650,309.04	1,661,821.57	18.47	-
NEL-33	2,650,309.04	1,661,821.57	18.47	-
NEL-34	2,650,309.04	1,661,821.57	18.47	-
NEL-35	2,650,309.04	1,661,821.57	18.47	-
NEL-36	2,650,309.04	1,661,821.57	18.47	-
NEL-37	2,650,309.04	1,661,821.57	18.47	-
NEL-38	2,650,309.04	1,661,821.57	18.47	-
NEL-39	2,650,309.04	1,661,821.57	18.47	-
NEL-40	2,650,309.04	1,661,821.57	18.47	-
NEL-41	2,650,309.04	1,661,821.57	18.47	-
NEL-42	2,650,309.04	1,661,821.57	18.47	-
NEL-43	2,650,309.04	1,661,821.57	18.47	-
NEL-44	2,650,309.04	1,661,821.57	18.47	-
NEL-45	2,650,309.04	1,661,821.57	18.47	-
NEL-46	2,650,309.04	1,661,821.57	18.47	-
NEL-47	2,650,309.04	1,661,821.57	18.47	-
NEL-48	2,650,309.04	1,661,821.57	18.47	-
NEL-49	2,650,309.04	1,661,821.57	18.47	-
NEL-50	2,650,309.04	1,661,821.57	18.47	-
NEL-51	2,650,309.04	1,661,821.57	18.47	-
NEL-52	2,650,309.04	1,661,821.57	18.47	-
NEL-53	2,650,309.04	1,661,821.57	18.47	-
NEL-54	2,650,309.04	1,661,821.57	18.47	-
NEL-55	2,650,309.04	1,661,821.57	18.47	-
NEL-56	2,650,309.04	1,661,821.57	18.47	-
NEL-57	2,650,309.04	1,661,821.57	18.47	-
NEL-58	2,650,309.04	1,661,821.57	18.47	-
NEL-59	2,650,309.04	1,661,821.57	18.47	-
NEL-60	2,650,309.04	1,661,821.57	18.47	-
NEL-61	2,650,309.04	1,661,821.57	18.47	-
NEL-62	2,650,309.04	1,661,821.57	18.47	-
NEL-63	2,650,309.04	1,661,821.57	18.47	-
NEL-64	2,650,309.04	1,661,821.57	18.47	-
NEL-65	2,650,309.04	1,661,821.57	18.47	-
NEL-66	2,650,309.04	1,661,821.57	18.47	-
NEL-67	2,650,309.04	1,661,821.57	18.47	-
NEL-68	2,650,309.04	1,661,821.57	18.47	-
NEL-69	2,650,309.04	1,661,821.57	18.47	-
NEL-70	2,650,309.04	1,661,821.57	18.47	-
NEL-71	2,650,309.04	1,661,821.57	18.47	-
NEL-72	2,650,309.04	1,661,821.57	18.47	-
NEL-73	2,650,309.04	1,661,821.57	18.47	-
NEL-74	2,650,309.04	1,661,821.57	18.47	-
NEL-75	2,650,309.04	1,661,821.57	18.47	-
NEL-76	2,650,309.04	1,661,821.57	18.47	-
NEL-77	2,650,309.04	1,661,821.57	18.47	-
NEL-78	2,650,309.04	1,661,821.57	18.47	-
NEL-79	2,650,309.04	1,661,821.57	18.47	-
NEL-80	2,650,309.04	1,661,821.57	18.47	-
NEL-81	2,650,309.04	1,661,821.57	18.47	-
NEL-82	2,650,309.04	1,661,821.57	18.47	-
NEL-83	2,650,309.04	1,661,821.57	18.47	-
NEL-84	2,650,309.04	1,661,821.57	18.47	-
NEL-85	2,650,309.04	1,661,821.57	18.47	-
NEL-86	2,650,309.04	1,661,821.57	18.47	-
NEL-87	2,650,309.04	1,661,821.57	18.47	-
NEL-88	2,650,309.04	1,661,821.57	18.47	-
NEL-89	2,650,309.04	1,661,821.57	18.47	-
NEL-90	2,650,309.04	1,661,821.57	18.47	-
NEL-91	2,650,309.04	1,661,821.57	18.47	-
NEL-92	2,650,309.04	1,661,821.57	18.47	-
NEL-93	2,650,309.04	1,661,821.57	18.47	-
NEL-94	2,650,309.04	1,661,821.57	18.47	-
NEL-95	2,650,309.04	1,661,821.57	18.47	-
NEL-96	2,650,309.04	1,661,821.57	18.47	-
NEL-97	2,650,309.04	1,661,821.57	18.47	-
NEL-98	2,650,309.04	1,661,821.57	18.47	-
NEL-99	2,650,309.04	1,661,821.57	18.47	-
NEL-100	2,650,309.04	1,661,821.57	18.47	-

PROJECT LIMITS			
CORNER	NORTHING	EASTING	CORNER
1	2,642,355.65	1,653,697.88	1
2	2,650,613.11	1,656,776.08	2
3	2,650,128.09	1,656,655.47	3
4	2,641,671.83	1,655,577.37	4
5	2,642,355.65	1,653,697.88	5
6	2,650,613.11	1,656,776.08	6
7	2,650,128.09	1,656,655.47	7
8	2,641,671.83	1,655,577.37	8
9	2,642,355.65	1,653,697.88	9
10	2,650,613.11	1,656,776.08	10
11	2,650,128.09	1,656,655.47	11
12	2,641,671.83	1,655,577.37	12
13	2,642,355.65	1,653,697.88	13
14	2,650,613.11	1,656,776.08	14
15	2,650,128.09	1,656,655.47	15
16	2,641,671.83	1,655,577.37	16
17	2,642,355.65	1,653,697.88	17
18	2,650,613.11	1,656,776.08	18
19	2,650,128.09	1,656,655.47	19
20	2,641,671.83	1,655,577.37	20
21	2,642,355.65	1,653,697.88	21
22	2,650,613.11	1,656,776.08	22
23	2,650,128.09	1,656,655.47	23
24	2,641,671.83	1,655,577.37	24
25	2,642,355.65	1,653,697.88	25
26	2,650,613.11	1,656,776.08	26
27	2,650,128.09	1,656,655.47	27
28	2,641,671.83	1,655,577.37	28
29	2,642,355.65	1,653,697.88	29
30	2,650,613.11	1,656,776.08	30
31	2,650,128.09	1,656,655.47	31
32	2,641,671.83	1,655,577.37	32
33	2,642,355.65	1,653,697.88	33
34	2,650,613.11	1,656,776.08	34
35	2,650,128.09	1,656,655.47	35
36	2,641,671.83	1,655,577.37	36
37	2,642,355.65	1,653,697.88	37
38	2,650,613.11	1,656,776.08	38
39	2,650,128.09	1,656,655.47	39
40	2,641,671.83	1,655,577.37	40
41	2,642,355.65	1,653,697.88	41

SCALE IN FEET



N 2651500  
E 1,659,500

N 2650500  
E 1,659,500

N 2650500  
E 1,659,500

N 2649500  
E 1,659,500

N 2648500  
E 1,659,500

N 2648500  
E 1,659,500

N 2648500  
E 1,659,500

N 2648500  
E 1,659,500